

80
M3 M3.21TCTTGCCTAAG ATTTTCTTCATAAGATGTGT CACATCCAAA GTCCACAGCMA CAGAACTAGA GTCATCAACT ACCAAGAGC
160
M3 M3.21TCTTCCCTATTC GCGGCACCTTGCCTCGCTTTC ACCCCCAAGCC ACATTGGCCG TTCTGTGGCT CCGGAANAAGC CTTCCTCTGCA
240
M3 M3.21GCCCCACTTCC GACCAACTCCGTTCCATCTG CCACAGGAG TCACACAGATG CTTCGTCCGAC AAGAAGGAGG TAGGTACATG
320
M3 M3.21TTTGTGATGAT ATCGTTGAGACTTTCTTCCAC CAGGAAGGCC GTTAATGGAT CGGAATGTTG CCGCCGGATC AAGAAGATGA
400
M3 M3.21ACAAAGATTTG TGAGAGAGACC GTCTTTTGGAT CTTTTCCATGA CTTTCCCTTTC ACCGGCTATG TCAAGCTACA TTGCTCCACC
480
M3 M3.21GTTGTTCGGAT CTACTTCACC TCCTCTCTCA CAGGCTCCTT TACATGCTCC TTCTTCACAG GCTCCTTCAC ATGCTCCTTC
560
M3 M3.21ACATGCTCCT TCACAGGCTCCTTTAAATGC TCTTTTAAAT GCTCCTTTTAC ATGCTCCTTT ACATGCTCCT TCACAGGCCC
640
M3 M3.21CTTCACAGGC CCGCTTCACAG GCGCCCTTAC ATGCTCCTTT ACTGCGCCTT TCGCAGGCTC CTTCACCGGC TCAGTGA-TT
720
M3 M3.21TAGCTATTTG ATAGAATTAC TCAAGTAATG ATGCCCTAGG GAGTTTGAGT TTTTCTCCTG TTTTAAAGTT TTGCTTTAT
800
M3 M3.21TTTCAGAAA CCGTCTTTGG ATTTTAACTT CACTTTGATT TTTTCCCTTA TACAATTAA ATTACAGTT TACTTATTAA
841
M3 M3.21TTTATATAAT TAGATGGTAC TAAGTTTTTA TCATAATAA A

FIGURE 1

FIGURE 2

1 GGATCCCACA AAGAAAACCG AAGAAGCAAA TGTTCCTAC CTTCATAAAT
51 ATATATTTGT TTCAGCCTCA TCAATGTACA AACAATCCTT TAGCTCAATG
101 GTATAAATGT TGTGTTTGTAG ATTTCAATAA CCCGGGTTTCG AGTCATAGAC
151 TTGACACTTT TTCACACTTT TTAAGAGTGG AACGCACATA TCGCTGACGT
201 GTCGCATCAG GAGTGATGCA ACTGCTCTAT TATAATGTAG ATTTAAAAGT
251 GGAACCCACG TATCGCTGAC GTGTCGCATC AGGAGTGATG CAACTGCCAT
301 ATTATAACGT AGATTGACG TTATTCCTTT TTAATCTTA ATAATAATAC
351 CAGNGCTTTT ACTTATTAAT TTTGNGCATN GTTATCATGG TTTATGCNCT
401 CTTTTTTTTT GANCCGTTGA TTGGTTTATG CTTATTTGAA TGTNGCCNAC
451 GTAAGAAATG AAGAACAATT TATATTTGGA GAAAATATAA TTTAATATGT
501 TCAATATATA GAGAAAATAT TATNCCTTGA TGTTACTGTA TGGATGCGAG
551 TAGAAGATCT TTGAATAATA TTTGAGAACT TGCCTTTTCT CAAAAAGTAA
601 AATATTTGAT ATGTAACCTA AGTTAACACA TGAAAATTAA AAAAAATTA
651 AATCAAAATA GAAAAAACTG ATAGTGATCT ACCCTTCAAC GTTTTGAACT
701 TATTCTTGGT TCACCCCTA AACCTCTAAG TTCACCAAAC AATAAAATTT
751 CATTATTGCA TATTCTATAT CTTTGTAGAA GTGAAACAAA ATATTATCAA
801 GTTATATTAT GTTTTTTCAA TAAAAGATA AAAATAAAT AAAAAATAAT
851 AGTAGTTACA AAAAAAAAAA ATTAATATTT TTACCAGCGT CANAAAAACAC
901 TAAAACCTAA ACCCTAAATA TTAACTTTT AGGTAAACCC TAAAGCTTTG
951 GATAAATCTT AAACATTAAA CATTAAAACA CTAACCCCTA AATCCTAAAC
1001 TCTAAACCCT TAAGTGTTTA AATGTTTAGT GTTTTGTATT TATAGTTTAG
1051 GATTTATCCA AAGGTTTAAG GTTTACCCAA GAGTTTATGG TTTAGGGATT
1101 ATGACTTAGG ATTTAGTGTT TTAGTGACGA CGTTCAAAGT ATTTTTTAAAT
1151 AAATATTTTT TTTGTAACAA CTACTATTTT TATTTATTTT TTTACCTTTT
1201 TATATTAAAA ACATAATATA ATTTAATACT CCATCTGTTT CATATTAAAT
1251 GTCATTGTAA CATTATTTTT TTGTTACAAA AAAATTGTCA CTTTAGAATT

FIGURE 2 (continued)

1301 CCAATGCAAA ATTTATTTAT TTTTCAGCTA AAATTAATTG CAAAGTGCAT
1351 TGATCTTATA AATAATTTTA TTTATCTCAA ATGCTATATT GGTCAAACAT
1401 GTGTAATTAA TAGAACTTA ATTATATTTT ATTTATTTTT TCTTAATCTG
1451 TGTA AAAATG TCAAAGTAAA ATTTATTTAG AAACGAATTG AGTAATATTT
1501 TGTTCATTT TTTAAAAGAT ATCGAATATG AAATAACACA ATTTTATTGT
1551 ATGATGAACC TAAAAATTCA TCCTAAGAAG GTGAACGCAA GAATAAGTCA
1601 ACGTTTTGGG GAAAGCTAAC TATGGCCCAA AGTCATCAAA ATCTTCTTG
1651 TATTTATCAA AATCCTTACA AATTTAGTTA GAGTTAATAG ACCAAACACA
1701 TGATTATCAT CATATTAGAA TATTCTAAAA AATTACTAGC GAATAATTAA
1751 AATCTTCTT TTATTTATCA AAATCCTTAT AAAAATTAT TTATATATAC
1801 TAAACAATT TTAATTAAAA GAAATAAGG GACCATGGAT ACATAAAAAT
1851 ATATGTTATT TCTTAAGATA GTGATAATAT TAATATATAC CAGTCCATAT
1901 ATTTATCAAA ATAAATAATA TTTTTCGTAG TCCGATAATC ATTACTATAA
1951 ATTCATAAAA CCACATGTAG ATGTATATTT TATTTATATA TATATATATA
2001 AACCCTAAG CTTTACCACT CGATAACCAT CAAAACTTT CTTCTCGTTT
2051 CGCTAACTCA AGGCTTCGAA AAGTAAAAA AACAATGAAG AATGTCACAC
2101 TTGTTCTTGC TATGATCCTC TTCTTAAGCT GTGTCACATC CAAAGTTACA
2151 GCAACAGAAC TAGAGTCATC AACTAACCA GAGCTCTTCC TATCGCGGCA
2201 CTTACCTCGC TTTCACCCCA AGCAACATTG GCCGTTCCGT GGCTCCGGAA
2251 AAGCCTTCCC TGCAGGCCAC TTCCGACTAA CTCCGTTCCA TCTGCCACAG
2301 GAAGTCACCA GATGCTTGAA CGACAAGAAG GAGGTAGGTA CATGTTTTAA
2351 TGATATCGCT GAGACTTTCT TCACCAGGAA AGCCGCTATT GGATCGGAAT
2401 GTTGCGCCGC GATCAAGAAG ATGAACAAAG ATTGTGAGAA GACCGTCTTT
M3 TTT
2451 GGATCTTTCC ATGACCCCTT CTTGACCGGC TATGTCAAGC TACATTGCTC
M3 GGATCTTTCC ATGACCCCTT CTTGACCGGC TATGTCAAGC TACATTGCTC
2501 CACCGTTGTT GGATCTACTT CACCTCCTCC TTCACAGGCT CCTTTACATG
M3 CACCGTTGTT GGATCTACTT CACCTCCTCC TTCACAGGCT CCTTTACATG

2551 CTCCTTCTTC ACAGGCTCCT TCACATGCTC CTTACATGC TCCTTCACAG
M3 CTCCTTCTTC ACAGGCTCCT TCACATGCTC CTTACATGC TCCTTCACAG

2601 GCTCCTTTAA ATGCTCCTTT AAATGCTCCT TTACATGCTC CTTTACATGC
M3 GCTCCTTTAA ATGCTCCTTT AAATGCTCCT TTACATGCTC CTTTACATGC

2651 TCCTTCACAG GCCCCCTTCAC AGGCCCTTC ACAGGCCCTT TTACATGCTC
M3 TCCTTCACAG GCCCCCTTCAC AGGCCCTTC ACAGGCCCTT TTACATGCTC

2701 CTTTACTGCC CCCTTCGCAG GCTCCTTCAC CGGCTCAGTG ATTTAGCTAT
M3 CTTTACTGCC CCCTTCGCAG GCTCCTTCAC CGGCTCAGTG ATTTAGCTAT

2751 TTGATAGAAT TATTCAAGTA TTGATGTCCT AGGGAGTTT AGTTTTTTTC
M3 TTGATAGAAT TACTCAAGTA ATGATGCCCT AGGGAGTTT AGTTTTTCTC

2801 TTGTTTTAAA ATTTTGTGTT TATTTTGAGA AAACCGTCTT TGGATTTTAA
M3 GTGTTTTAAA GTTTTGTGTT TATTTTGAGA AAACCGTCTT TGGATTTTAA

2851 CTT
M3 CTT

FIGURE 2 (continued)

A B C D E F G H

1 kb —



FIGURE 3

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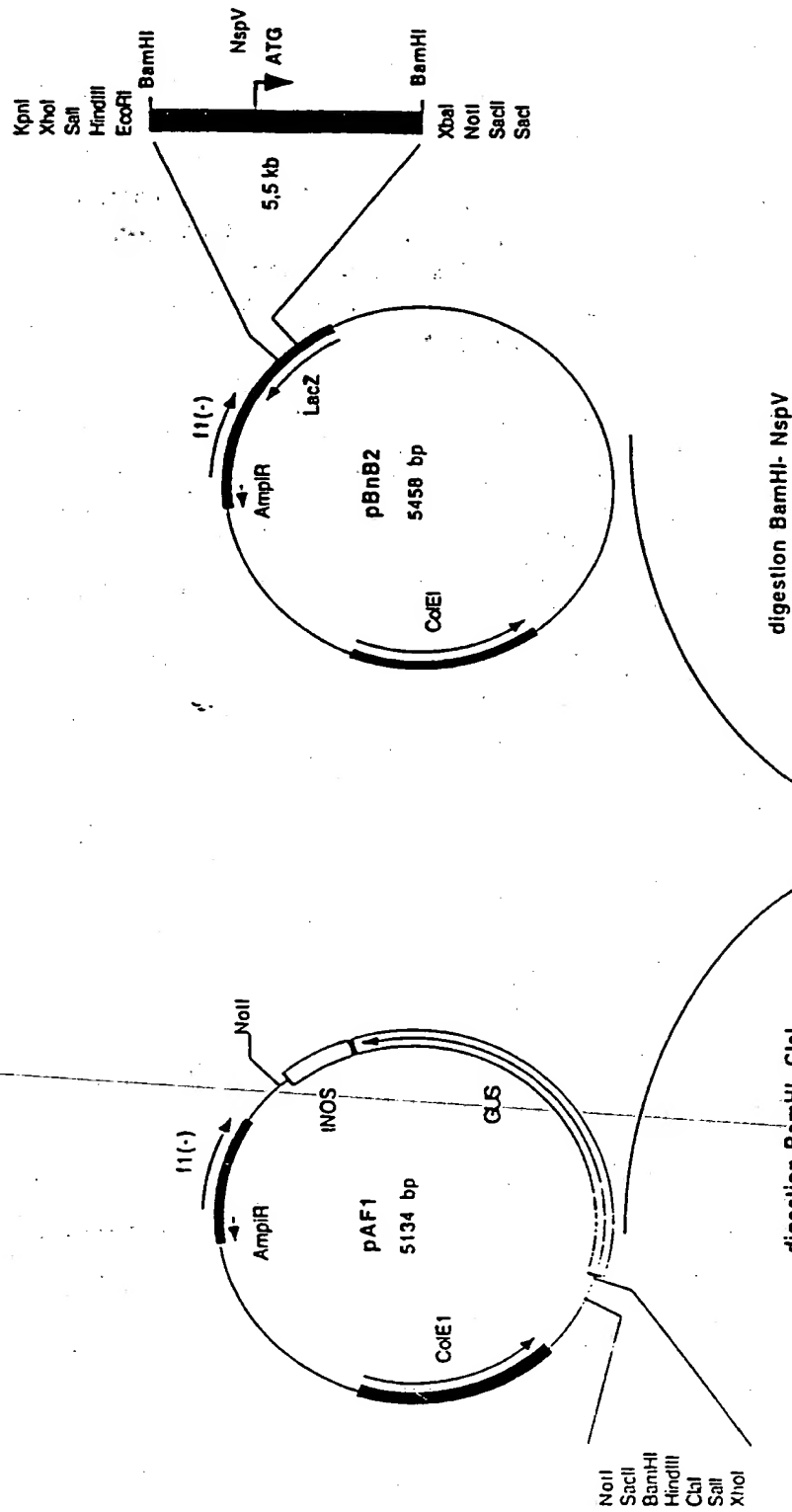


FIGURE 4.

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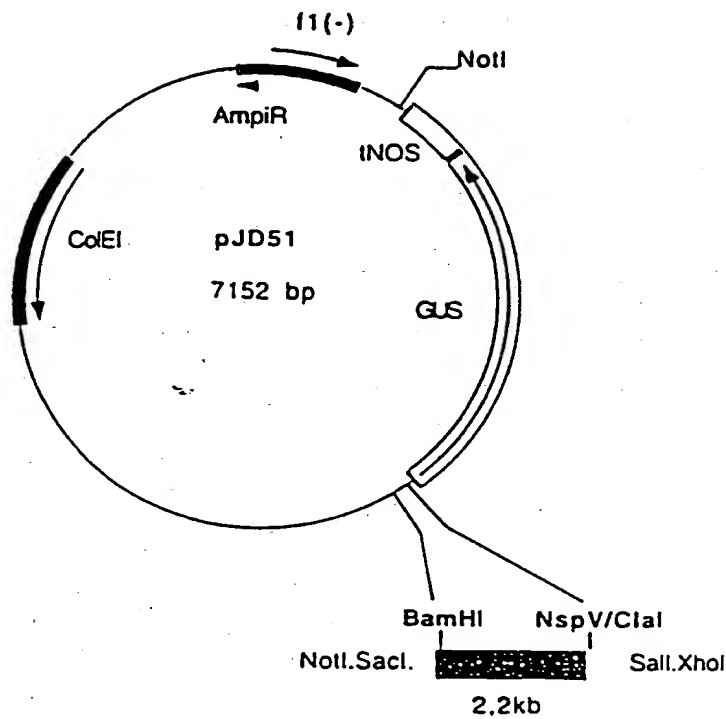
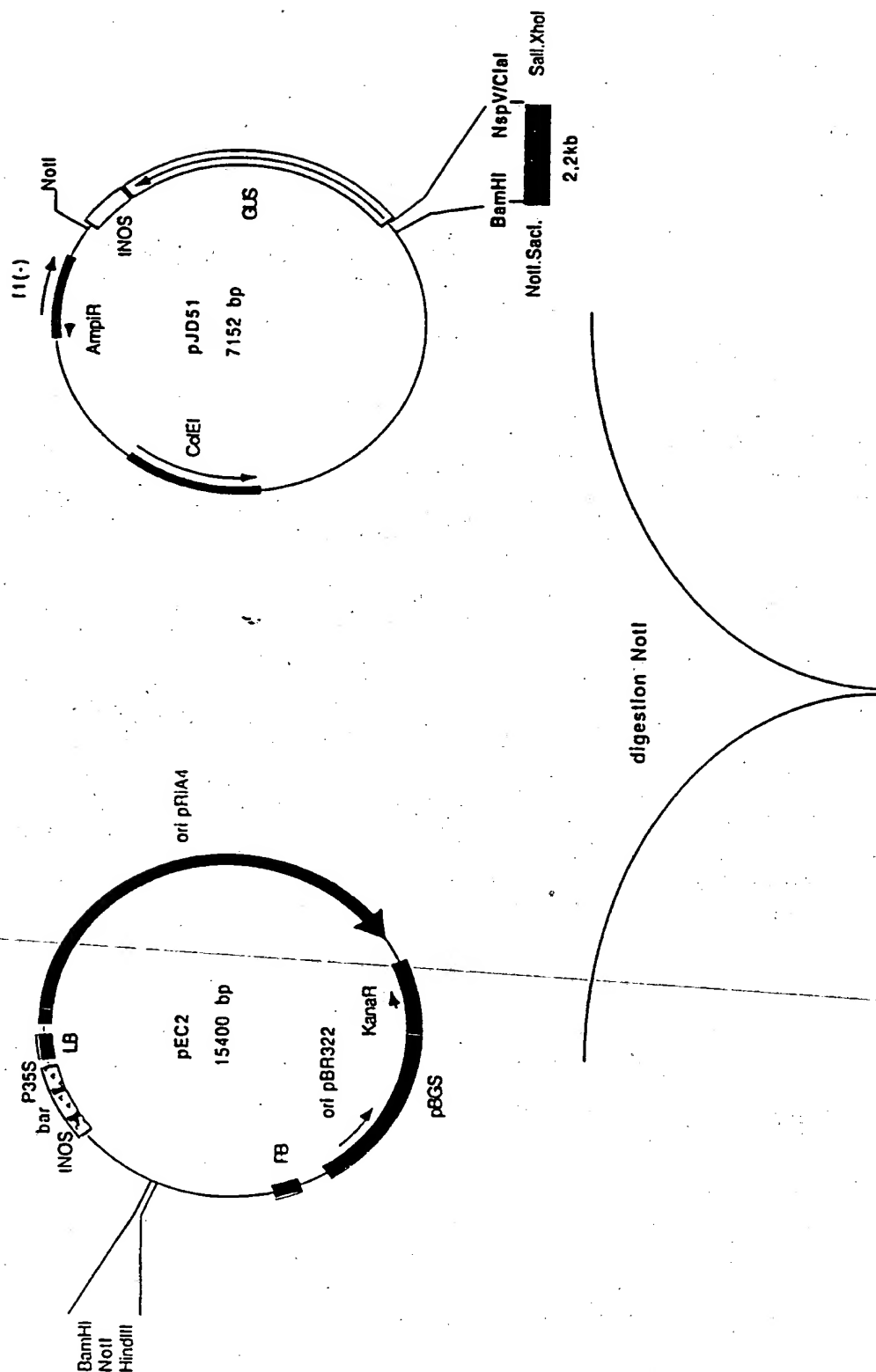


FIGURE 4 (continued)



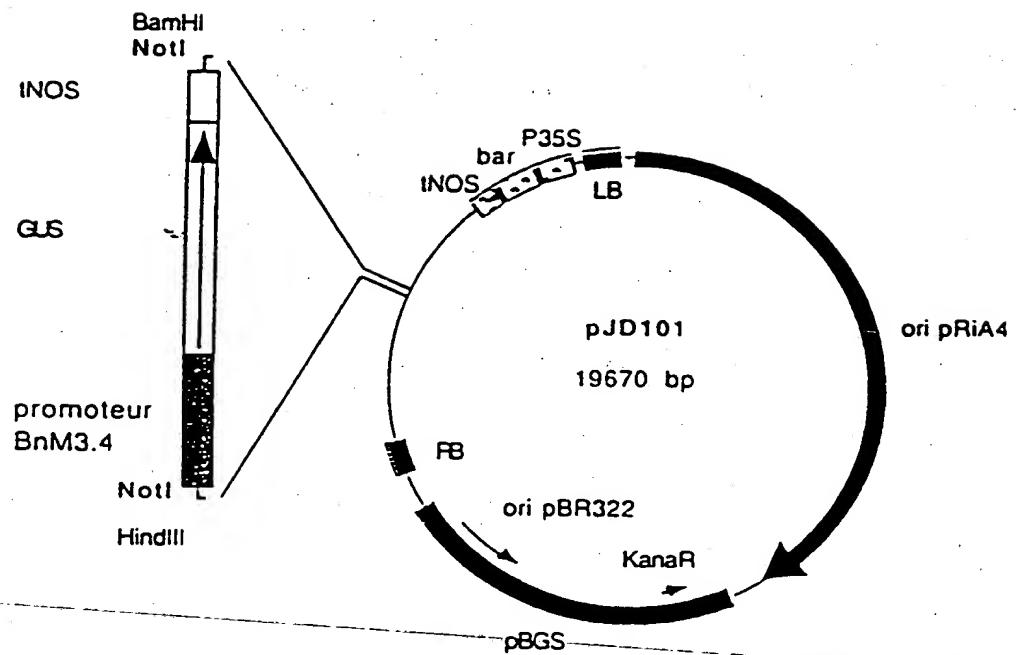


FIGURE 5 (continued)

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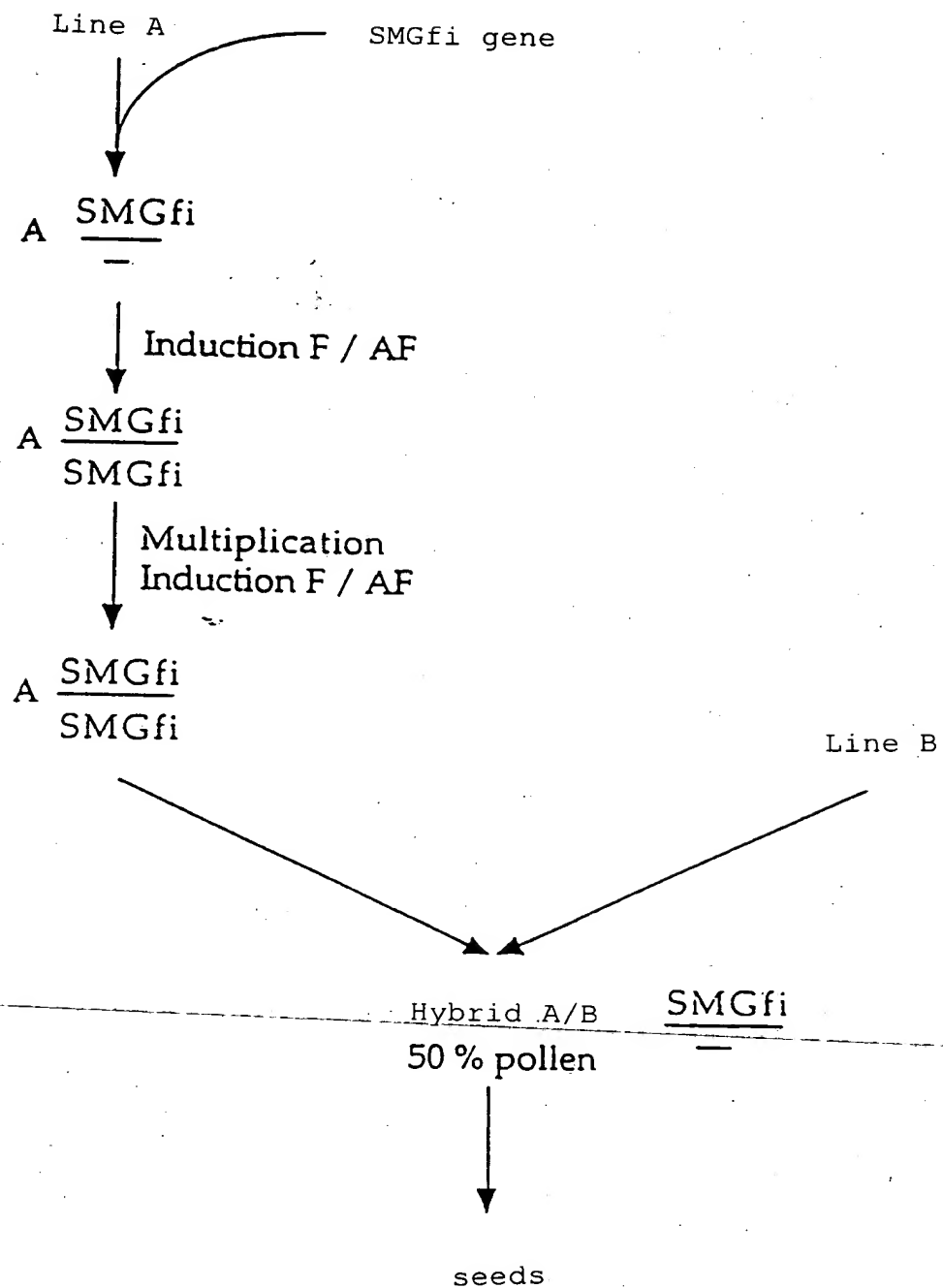


FIGURE 6